

April 24th

Dart Aerospace Ltd.

Date: 1 Tuesday, 01/04/2008 3:47:12 PM
User: Julie Lecocq

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: DUAL CARGO MIRROR INSTALLATION
Job Number	: 38284		
Estimate Number	: 13192		
P.O. Number	:	Part Number	: D119696013
This Issue	: 01/04/2008 S.O. No. :	Drawing Number	: N/A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: // Type : PURCHASED PARTS	Drawing Revision	: A
Previous Run	: 37589	Material	:
Written By	:	Due Date	: 08/04/2008
Checked & Approved By	: <u>JLO 08.4.01</u>	Qty:	6 Um: Each
Comment	: Est Rev:A 08-02-19 New issue DD verified by: LL		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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Comment: Photocopy bluefile & type labels per PPP D119-696-013 CHG003

8/6/07

8/4/9 JLD

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

3.0	D119696043	Dual Cargo Mirror Assy
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Dual Cargo Mirror Assy

batch B38287

8/4/9 (6)

4.0	D2053	Bracket
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bracket

batch B35362

8/4/8

5.0	D2067	Connector
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Connector

batch B35362 2x

B38622 4x

8/4/8

37483

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 01/04/2008 3:47:12 PM
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Customer: CU-DAR001 Dart Helicopters Services

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Job Number: 38284

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Seq. #:	Machine Or Operation:	Description :
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6.0	D2071	Cable Assembly
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Cable Assembly

batch 36822

7.0	D30831	Placard
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Placard

batch 37609

8.0	AN5261032R9	Screw
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Screw

batch M101189

9.0	AN960JD10	Washer
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Washer

batch 107534

10.0	MS21919DG5	Clamp
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Clamp

batch M105431

11.0	MS27039109	Screw
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)

Screw

batch 11686 160 M107378X8

12.0	MS354899	Grommet
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Grommet

batch 9619

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DUAL CARGO MIRROR INSTALLATION

Job Number: 38284

Part Number: D119696013

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

AKS41032130

Inserts



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Inserts

batch

6087

AS 08/04/08 (6)

14.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

AS 08/04/08 (x6)

15.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D119-696-013

Location:

PPP Rev:

Rev A

AS 08/04/08 (x6)

16.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/04/14 98

Job Completion



mf 08-04-10

W

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-696-011	2.2 lb	7.0 in	15.4 in-lb	22.0 in	48.4 in-lb
Cargo Mirror Installation	1.00 kg	0.28 m	0.28 m-kg	0.87 m	0.87 m-kg
D119-696-013	3.0 lb	1.0 in	3.0 in-lb	22.0 in	66.0 in-lb
Cargo Mirror Installation	1.36 kg	0.04 m	0.05 m-kg	0.87 m	1.18 m-kg

5. PARTS LIST

Qty -011	Qty -013	Qty -041	Qty -043	Part Number	Description
X				D119-696-011	SINGLE CARGO MIRROR INSTALLATION
	X			D119-696-013	DUAL CARGO MIRROR INSTALLATION
1		X		D119-696-041	SINGLE CARGO MIRROR ASSEMBLY
	1		X	D119-696-043	DUAL CARGO MIRROR ASSEMBLY
		1	2	D2011-101	MIRROR ASSEMBLY
1	1			D2053	BRACKET
		2	2	D2054	BUSHING
		2	2	D2055	CLAMP
		1	1	D2056	BELL CRANK
		1		D2057	PLUG
1	1			D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	2	*D3014-1	LOCKNUT
		1	1	D3072-1	BRACKET
		1	1	D3072-2	BRACKET
		1		D3074-1	ARM
			1	D3074-3	ARM
1	1			D3083-1	PLACARD
4	4			AN526-1032R9	SCREW
4	4	6	6	AN960JD10	WASHER
		1	2	*AN960JD416L	WASHER
		3	3	MS21042L3	NUT (or MS21042-3)
2	2			MS21919DG5	CLAMP
4	4			MS27039-1-09	SCREW
		3	3	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
2	2			AKS7-1032-130	INSERT (or ALS7-1032-130 or AKS4-1032-130 or ALS7-1032-130 or AELS-032-130)

*INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

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Revision: A

Date: 01.12.11

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 WORK ORDER
 NO. 38284